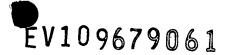
11-25-02

● GP3762

TRANSder the Paperwork Reduction Act of 1995, no person	ons are required to re	Application Number	mation unless it displays a valid OMB control num
TRANSMITTAL		Filing Date	May 14, 2001
		First Named Invento	or Bradley
(to be used for all correspondence at	fter initial filing)	Group Art Unit	3762
		Examiner Name	O. Khan
Total Number of Pages in This Subr	mission	Attorney Docket Num	ber SJ1-010US
	ENCL	OSURES (che	ck all that apply)
Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Petition Petition Provisio Power of Change Address Termina Reques	to Convert to a onal Application of Attorney, Revocation of Correspondence al Disclaimer of the Refund	Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Return receipt postcard
SIGNAT	URE OF APPLI	CANT, ATTORNEY, O	RAGENT RECEIV
or Lance R. Sadler, I	Reg. No. 38,605	;	NOV 2 7 2
Signature	2_		TECHNOLOGY CEN
Date 1/2.24	12002		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

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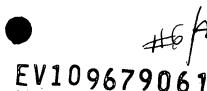
Thinder the Paperwork Reduction Act of 1995. no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known			
FEE IKAN	SWILLAL	Application Number	09/858,183		
for EV	2002	Filing Date	May 14, 2001		
for FY 2002 Patent fees are subject to annual revision.		First Named Inventor	B radley		
		Examiner Name	Khan, O.		
pplicant claims small entity status. See 37 CFR 1.27		Group Art Unit	3762		
AL AMOUNT OF PAYMENT	(\$) 0.00	Attorney Docket No.	SJ1-010US		

METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)]	
Check Credit card Money Other None	ne 3. ADDITIONAL FEES					
Denosit Account:	Large Entity Small Entity					
D	Fee		Fee		Fee Description Fee Paid	
Account Number	105	le (\$) 130	205	de (\$) 65	Surcharge - late filing fee or oath	
Deposit Account Name	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	139	130	139	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	147			2,520	• '	
Charge any additional fee(s) during the pendency of this application	n 117		1	920*	For filing a request for ex parte reexamination Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee	'''	320	''*	320	Examiner action	
to the above identified deposit account. FEE CALCULATION	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
	115	110	215	55	Extension for reply within first month	
1. BASIC FILING FEE	116	400	216		Extension for reply within second month	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	117	920	217		Extension for reply within third month	
Code (\$) Code (\$) Fee Paid	118	1,440	218	720	Extension for reply within fourth month	ŀ
101 740 201 370 Utility filing fee	128	1,960	228	980	Extension for reply within fifth month	
106 330 206 165 Design filing fee	119	320	219	160	Notice of Appeal	
107 510 207 255 Plant filing fee	120	320		160	Filing a brief in support of an appeal	
	121	280	1	140	Request for oral hearing	
	138		ı	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	140	110	240	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	141	1,280	241	640	Petition to revive - unintentional	VFD
Fee from Extra Claims below Fee Paid	142	1,280	242	640	Utility issue fee (or reissue)	Parent Property
Total Claims -20** = X 18 =	143	460	243	230	Design issue fee NOV 2 7	2002
Independent Claims - 3** = X 84 =	144	620	244	310	Plant issue fee	1002
Multiple Dependent	122	130	122	130	Petitions to the Commissioner TECHNOLOGY CE	TED DOT
	123	50	123	50	Processing fee under 37 CFR 1.17(q)	TIER H3/
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126	180	126	180	Submission of Information Disclosure Stmt	1
Code (\$)	581	40	581	40	Recording each patent assignment per	
103 18 203 9 Claims in excess of 20					property (times number of properties)	
102 84 202 42 Independent claims in excess of 3	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	For each additional invention to be	
109 84 209 42 ** Reissue independent claims over original patent	1	. 10			examined (37 CFR § 1.129(b))	1
110 18 210 9 ** Reissue claims in excess of 20	179	740	279	370	Request for Continued Examination (RCE)	ŀ
and over original patent	169	900	169	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0.00	Othe	r fee (s	pecify)		Į
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00						

SUBMITTED BY					Complete (if applicable)	
Name (Print/Type)	Lance R. Sadle	Registration No. (Attorney/Agent)	38,605	Telephone	(509) 324-9256	
Signature	- Coll			Date	11/22/02	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*	Application Serial No	09/858,183
	Filing Date	May 14, 2001
	Inventor	Bradley et al.
	Applicant	
	Group Art Unit	3762
	Examiner	Khan
	Attorney's Docket No	SJ1-010us
	Title: "Cardiac Stimulation Devices and Methods for Me	asuring Impedances
	Associated with the Left Side of the Heart"	•

RESPONSE TO OFFICE ACTION DATED OCTOBER 23, 2002

To:

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Commissioner of Patents and Trademarks,

Washington, D.C. 20231

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Lance R. Sadler (Tel. 509-324-9256; Fax 509-323-8979)

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TECHNOLOGY CENTER R3700

In the Claims

Claims 1-10, 11-16, and 17-32 are cancelled without prejudice.

Claims 33-66 are pending and are listed as follows:

33. A method of measuring an impedance using a cardiac stimulation device comprising:

establishing a current path between a first pair of electrodes configured for use internally of a patient;

measuring a voltage between a second pair of electrodes configured for use internally in a patient, at least one electrode of the second pair comprising a left side heart electrode; and

calculating an impedance based upon the established current and the measured voltage.